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some one of the interesting localities he visited. Nevertheless there are a great many scattered items—too many indeed for individual mention of any of them here—that are of interest and that add largely to our knowledge especially concerning details of distribution of some of the species.

In regard to the status of several subspecies the author reaffirms his opinions given in the article above referred to. In some of these cases—*Corvus caurinus*, for example—he appears to be right, but there are others where his conclusions are not so happy. Such forms, for instance, as *Melospiza lincolni striata* and *Sylvania pusilla pileolata* show characters that even one who runs at Mr. Rhoads's hasty pace may easily read, and there are other cases of subspecies entered on the list that make one wonder whether all his identifications would be sustained were the collections on which they are based to be carefully studied by some more experienced ornithologist. In fact he runs a tilt at more than one long-accepted conclusion in such a light-hearted spirit that it is hard to avoid suspecting him of superficiality in his investigations, a suspicion that—in two cases at least—is by no means allayed by Mr. Brewster's recent determinations (antea, pp. 236–237) of some material from the same region.—C. F. B.

Minor Ornithological Publications. — 'Shooting and Fishing.' — The following record (Nos. 2518–2610) includes all the ornithological articles of importance in the first thirteen volumes (May, 1885–April 20, 1893) of 'Shooting and Fishing.' This journal, which is published in Boston, was first issued under the title of 'The Rifle'; the present name was assumed in No. 5 of Vol. 4.

2518. *A Specimen of Hutchins Goose.* By Ben Bent [= Frank S. Pinckney]. 'Shooting and Fishing,' Vol. 5, No. 7, Dec. 13, 1888, p. 134.

2519. *That Last Woodcock.* By Snap Shot. *Ibid.*, Vol. 6, No. 18, Aug. 29, 1889, pp. 352–353. — At Calais, Maine, Nov. 20.

2520. *Observations on the Fall Flight of Woodcock.* — 1889. By C. A. B. [ramble]. *Ibid.*, Vol. 7, No. 5, Nov. 28, 1889, p. 89.

2521. *Snipe in December.* By R. Greenwood [= A. C. Gould]. *Ibid.*, No. 9, Dec. 26, 1889, p. 174.

2522. *Habits of the Ruffed Grouse.* By Small Shot. *Ibid.*, No. 14, Jan. 30, 1890, p. 273.

2523. *Ways of the Ruffed Grouse.* By Paul Pastnor [= James Buckingham]. *Ibid.*, No. 15, Feb. 6, 1890, pp. 292–293.

2524. *The Woodcock in Nova Scotia.* By Edward Jack. *Ibid.*, No. 17, Feb. 20, 1890, pp. 332–333.

2525. *Some Notes on Woodcock.* By Paul Pastnor [= James Buckingham]. *Ibid.*, p. 333.

2526. *Notes on Woodcock.* By Saint Croix [= C. A. Bramble]. *Ibid.*, No. 21, March 20, 1890, p. 413.

2527. *The Food of Woodcock.* By William Couper. *Ibid.*, No. 23, April 3, 1890, p. 458.

[Shooting and Fishing.—Continued.]

2528. *The Food of Woodcock.* By Saint Croix [= C. A. Bramble]. *Ibid.*, No. 25, April 17, 1890, p. 488.

2529. *Brant Shooting at Cape Cod—Spring, 1890.* By W. Hapgood. *Ibid.*, Vol. 8, No. 2, May 8, 1890, p. 28.

2530. *The Food of Woodcock.* By William Couper. *Ibid.*, pp. 32-33.

2531. *The Food of Woodcock.* By Saint Croix [= C. A. Bramble]. *Ibid.*, No. 4, May 22, 1890, p. 70.

2532. *Where Black Ducks Breed.* By Saint Croix [= C. A. Bramble]. *Ibid.*, No. 6, June 8, 1890, p. 112.

2533. *The Food of Woodcock.* By Wm. Couper. *Ibid.*, No. 7, June 12, 1890, pp. 131-132.

2534. *Sheldrake Should be Exterminated.* By St. Croix [= C. A. Bramble]. *Ibid.*, No. 8, June 19, 1890, p. 146.

2535. *Notes from Plymouth, Mass.* By Gulch [= Herbert W. Bartlett]. *Ibid.*, pp. 146-147. — Contains a note on *Ectopistes migratorius*.

2536. *Shore Bird Shooting on the New England Coast.* By Fletcher Osgood. I, *ibid.*, No. 21, Sept. 18, 1890, pp. 412-413; II, *ibid.*, No. 22, Sept. 25, 1890, pp. 430-431; III, *ibid.*, No. 23, Oct. 2, 1890, pp. 470-471; IV, *ibid.*, No. 25, Oct. 16, 1890, pp. 491-492 [*Treats of Totanus flavipes*, *T. melanoleucus*, and *Macrorhamphus griseus*]; V, *ibid.*, No. 26, Oct. 23, 1890, pp. 513-514 [*Charadrius dominicus* and *Numenius borealis*]; VI, *ibid.*, Vol. 9, No. 1, Oct. 30, 1890, p. 12 [*Limosa hæmastica*, *L. fedoa*, and *Tringa maculata*]; VII, *ibid.*, No. 4, Nov. 20, 1890, pp. 71-72 [*Symphemia semipalmata*, *Charadrius squatarola*, and *Tringa canutus*]; VIII, *ibid.*, No. 7, Dec. 11, 1890, p. 134 [*Arenaria interpres*, *Numenius hudsonicus*, and *N. longirostris*]; IX, *ibid.*, No. 8, Dec. 18, 1890, pp. 149-150 [*Bartramia longicauda*, *Ægialitis vocifera*, *Charadrius squatarola*, *C. dominicus*, *Totanus melanoleucus*, *Bartramia longicauda* and *Numenius borealis*]; X, *ibid.*, No. 12, Jan. 15, 1891, pp. 231-232 [*Hæmatopus palliatus*, *Recurvirostra americana*, *Himantopus mexicanus*, *Limosa fedoa*, *L. hæmastica*, *Symphemia semipalmata*, *Numenius longirostris* and *N. hudsonicus*]; XI, *ibid.*, No. 16, Feb. 12, 1891, p. 308 [*Ægialitis vocifera*, *Arenaria interpres*, *Macrorhamphus griseus*, *Tringa maculata*, *T. canutus*, *Totanus flavipes*]; XII, *ibid.*, No. 21, March 19, 1891, pp. 409-410 [*Ægialitis semipalmata*, *Æ. meloda*, *Phalaropus tricolor*, *P. lobatus*, *Crymophilus fulcarius*, *Micropalama himantopus*, *Ereunetes pusillus*, *Tringa minutilla*, and *T. bairdii*]; XIII, *ibid.*, No. 22, March 26, 1891, pp. 431-432 [*Tringa fuscicollis*, *T. maritima*, *T. alpina pacifica*, *T. ferruginea*, *Calidris arenaria*, *Totanus solitarius*, *Actitis macularia*, *Tryngites subruficollis*, and *Pavoncella pugnax*]. — An important series of articles, containing valuable original matter. The earlier parts are not ornithological, but for the sake of completeness they are included in this record.

2537. [*Woodcock about Manchester, New Hampshire*]. *Ibid.*, Vol. 9, No. 4, Nov. 20, 1890, pp. 72-73. — From the 'Manchester Mirror and American.'

[Shooting and Fishing.—Continued.]

2538. *Turnstone Plover*. By G. [= Herbert W. Bartlett]. *Ibid.*, No. 9, Dec. 25, 1890, p. 178. — *Arenaria interpres* on Cape Cod, Mass.
2539. *Turnstone Plover*. By C. T. Canterbury. *Ibid.*, No. 10, Jan. 1, 1891, p. 197.
2540. *The Turnstone Again*. By Fletcher Osgood. *Ibid.*
2541. *Notes on Shore Birds*. By R. H. Blain. *Ibid.*, No. 11, Jan. 8, 1891, p. 211. — *Ægialitis vocifera*.
2542. *Gunlock to Prof. Osgood*. By Gunlock [= C. T. Canterbury]. *Ibid.*, No. 14, Jan. 29, 1891, p. 274. — Notes on several Massachusetts shore birds.
2543. *To "Gunlock"*. [By Fletcher Osgood.] *Ibid.*, No. 16, Feb. 12, 1891, pp. 312-313. — Reply to the last.
2544. *The Brant Have Arrived*. By Gunlock [= C. T. Canterbury]. *Ibid.*, No. 17, Feb. 19, 1891, p. 326. — At Chatham, Mass.
2545. *New England Shore Birds*. By Gunlock [= C. T. Canterbury]. *Ibid.* — *Tringa maculata* and *Totanus flavipes*.
2546. *The "Monomoy" Brant Shooter*. *Ibid.*, No. 21, March 19, 1891, p. 413.
2547. *A Specimen of the Labrador Duck*. *Ibid.*, No. 22, March 26, 1891, p. 425.
2548. *The Valley Quail of Southern New Mexico*. By W. *Ibid.*, No. 24, April 9, 1891, p. 471. — *Callipepla gambeli* (?).
2549. *Early Dates for Woodcock*. By M. P. [and the editor]. *Ibid.*, No. 25, April 16, 1891, p. 491. — In Maine and Massachusetts.
2550. *The Upland Plover*. By O. W. Hard. *Ibid.*, No. 26, April 23, 1891, p. 508.
2551. *Water-fowl Shooting in New England*. By Fletcher Osgood. Part I, *ibid.*, Vol. 10, No. 1, April 30, 1891, pp. 6-7 [*Anas boschas* and *Anas obscura*]; part II, *ibid.*, No. 3, May 14, 1891, p. 46 [*Anas obscura*]; part III, *ibid.*, No. 5, May 28, 1891, pp. 90-91 [*Anas obscura*]; part IV, *ibid.*, No. 7, June 11, 1891, pp. 130-131 [*Anas obscura*]; part V, *ibid.*, No. 9, June 25, 1891, pp. 170-171 [*Anas strepera*, *Anas americana*, and *Dafla acuta*]; part VI, *ibid.*, No. 19, Sept. 3, 1891, p. 370 [*Dafla acuta*].
2552. *Passenger Pigeons*. By A. N. Cheney. *Ibid.*, Vol. 10, No. 2, May 7, 1891, p. 36. — Near Glen Falls, N. Y.
2553. *The Wild Pigeon in Massachusetts*. By H. [= Reuben Harwood]. *Ibid.*, No. 3, May 14, 1891, pp. 46-47.
2554. *Brant Shooting at Chatham, Mass. Spring, 1891*. By W. Hapgood. *Ibid.*, No. 4, May 21, 1891, p. 70.
2555. *Shore Birds at Chatham, Mass.* By Gunlock [= C. T. Canterbury]. *Ibid.*, No. 6, June 4, 1891, p. 107.
2556. [*Charadrius squatarola* and *Totanus melanoleucus* at Chatham, Mass.]. By Gunlock [= C. T. Canterbury]. *Ibid.*, No. 10, July 2, 1891, p. 197.
2557. *Shore Bird Shooting*. By Gunlock [= C. T. Canterbury] and Shorebird [= A. C. Gould]. *Ibid.*, No. 14, July 30, 1891, p. 268. — At Chatham, Mass.

[Shooting and Fishing.—Continued.]

2558. *Notes from Maine*. By L. [= L. Lewis]. *Ibid.*, pp. 271-272. — Water birds at Egg Rock near New Harbor, Maine.
2559. *My Summer Outings*. By Ralph Greenwood [= A. C. Gould]. *Ibid.*, No. 17, Aug. 20, 1891, pp. 326-327, No. 18, Aug. 27, 1891, pp. 349-350.
2560. [*Shore Birds at Chatham, Mass.*]. By Gunlock [= C. T. Canterbury]. *Ibid.*, No. 17, Aug. 20, 1891, p. 335.
2561. *Cape Codiana*. By Fletcher Osgood. *Ibid.*, No. 23, Oct. 1, 1891, pp. 449-450. — Mention of *Mimus polyglottos*.
2562. *The Wild Pigeon*. By Swain. *Ibid.*, p. 450. — At Greenfield, New Hampshire.
2563. *Game Notes*. By Old Gunner, G., and the editor [all = A. C. Gould]. *Ibid.*, No. 25, Oct. 15, 1891, p. 496. — Contains notes on *Limosa hæmastica*, *Charadrius squatarola*, and *Aix sponsa*.
2564. *Enemies of the Grouse*. By R. S. F [oss]. *Ibid.*, No. 26, Oct. 22, 1891, pp. 509-510. — *Bonasa umbellus togata*.
2565. *Woodcock Shooting in New England*. Editorial. *Ibid.*, Vol. 11, No. 1, Oct. 29, 1891, p. 5. — Migration.
2566. *The Migration of Grouse*. By M. G. *Ibid.*, pp. 9-10. — *Bonasa umbellus*.
2567. *Flight of the Ruffed Grouse*. By Ruffed Grouse. *Ibid.*, No. 2, Nov. 5, 1891, pp. 32-33. — Other habits also.
2568. *Scarcity of Grouse*. Editorial. *Ibid.*, No. 3, Nov. 12, 1891, pp. 45-46. — *Bonasa umbellus*.
2569. *Where are the Grouse?* By New England. *Ibid.*, No. 4, Nov. 19, 1891, pp. 70-71.
2570. *Scarcity of Ruffed Grouse*. By Taxidermist. *Ibid.*, p. 72. — See also p. 73.
2571. *Hybridism, Albinism, and Melanism*. By M[anly Hardy]. *Ibid.*, No. 6, Dec. 3, 1891, p. 106.
2572. [*Wild Turkey in Michigan*]. By M. L. *Ibid.*, p. 107.
2573. *The Game Season of 1891*. Editorial. *Ibid.*, No. 8, Dec. 17, 1891, p. 145. — *Bonasa umbellus* especially.
2574. *Some More Ruffed Grouse Notes*. By F. W. L. *Ibid.*, No. 10, Dec. 31, 1891, p. 187.
2575. *Check List of the Game Birds of North America*. By Frank A. Bates. *Ibid.*, No. 12, Jan. 14, 1892, pp. 229-230; No. 13, Jan. 21, 1892, pp. 251-252; No. 14, Jan. 28, 1892, p. 269; No. 19, March 3, 1892, p. 366; No. 20, March 10, 1892, pp. 390-391; No. 25, April 14, 1892, pp. 491-492; Vol. 13, No. 23, March 30, 1893, pp. 464-465; No. 26, April 20, 1893, p. 524. — A brief description is given of each species, and a short statement of its distribution and habits.
2576. *Woodcock in Confinement*. Editorial. *Ibid.*, Vol. 11, No. 25, April 14, 1892, p. 488.
2577. *Brant Shooting at Cape Cod*. By G. H. [= A. C. Gould]. *Ibid.*

[Shooting and Fishing.—Continued.]

2578. *Boston Notes*. By Gleaner [= A. C. Gould]. *Ibid.*, Vol. 12, No. 1, April 28, 1892, p. 8. — Notes on various birds in eastern Massachusetts, including *Passerella iliaca*, *Numenius longirostris*, *Macrorhamphus griseus*, and *Ionornis martinica*.

2579. *Brant Shooting at Chatham, Mass.* By G. E. N. [= A. C. Gould]. *Ibid.*, p. 13.

2580. *Brant Shooting at Monomoy, Spring, 1892.* By W. Hapgood. *Ibid.*, No. 4, May 19, 1892, p. 65.

2581. *The Moulting Woodcock.* By Ignorance [= W. W. Castle]. *Ibid.*, p. 66.

2582. *Habits of the Woodcock.* By H. Austen. *Ibid.*, No. 5, May 26, 1892, p. 85.

2583. *Remarkable Flight of Phalaropes at Chatham, Mass.* By G. E. N. [= A. C. Gould]. *Ibid.*, p. 86. — See also Auk, IX, 296, 298, 299.

2584. *A May Morning on Chatham Flats.* By Shore Bird [= N. E. Gould]. *Ibid.*, No. 6, June 2, 1892, pp. 105-106.

2585. [*Moulting Woodcock.*] By F. [= R. S. Foss]. *Ibid.*, p. 106.

2586. *The Moulting Woodcock.* By "Y" [= Charles Francis Hardy]. *Ibid.*, No. 7, June 9, 1892, p. 125.

2587. *The Woodcock Nesting.* By E. Sprague Knowles. *Ibid.*, No. 13, July 21, 1892, p. 246. — With illustrations from photographs.

2588. *Chatham Items.* Editorial. *Ibid.*, p. 251. — *Charadrius dominicus*, *C. squatarola* and *Macrorhamphus griseus*.

2589. *Sportsmen of Massachusetts.* By John Fottler, Jr., Henry J. Thayer, Edw. E. Hardy, Edw. Brooks, and Outram Bangs. *Ibid.*, No. 14, July 28, 1892, p. 265. — Circular in regard to the introduction of game birds into Massachusetts, giving statistics of their work.

2590. *Greenwood's Gleanings.* By R. G. [= A. C. Gould]. *Ibid.*, No. 18, Aug. 25, 1892, pp. 345-346. — Notes on *Camptolaimus labradorius*, *Tringa ferruginea*, and *Tryngites subruficollis*.

2591. *Shore Bird Shooting in Massachusetts.* By Ralph Greenwood [= A. C. Gould]. *Ibid.*, No. 19, Sept. 1, 1892, pp. 365-366. — Notes on a number of species occurring at Chatham.

2592. *Food Habits of Hawks and Owls in Maryland.* By H. H. Miller. *Ibid.*, p. 366.

2593. *Upland Plover Shooting in Vermont.* By Ralph Greenwood [= A. C. Gould]. *Ibid.*, p. 372.

2594. *Greenwood's Gleanings.* By Ralph Greenwood [= A. C. Gould]. *Ibid.*, No. 23, Sept. 29, 1892, pp. 455-456; No. 25, Oct. 13, 1892, pp. 492-494. — Notes on *Bonasa umbellus* and *Philohela minor*.

2595. *Late Flight of Swallows.* By W. Hapgood. *Ibid.*, No. 25, Oct. 13, 1892, p. 495.

2596. *The Gambel's Partridge in Massachusetts.* By Henry J. Thayer. *Ibid.*, Vol. 13, No. 1, Oct. 27, 1892, p. 10.

2597. *Hunting Notes from Maine.* By Sumner L. Crosby. *Ibid.*, p. 11. — *Philohela minor* at Bangor.

[Shooting and Fishing.—Continued.]

2598. *Ruffed Grouse*. By H. [= Manly Hardy]. *Ibid.*, No. 5, Nov. 24, 1892, p. 85.

2599. *Upland Plover Shooting*. By Paul Pastnor [= James Buckingham]. *Ibid.*, p. 87.

2600. *Greenwood's Gleanings*. By Ralph Greenwood [= A. C. Gould]. *Ibid.*, No. 6, Dec. 1, 1892, pp. 108-110. — Notes on *Philohela minor* and *Bonasa umbellus*, p. 109.

2601. *Food of Woodcock*. By J. W. G. D. *Ibid.*, No. 7, Dec. 8, 1892, p. 129.

2602. *The Upland Plover*. By John G. Smith. *Ibid.*

2603. *The Weight of Ruffed Grouse*. By H. [= Manly Hardy]. *Ibid.*

2604. *Winter Hunting in Canada*. By E. T. D. Chambers. *Ibid.*, No. 8, Dec. 15, 1892, pp. 147-149. — Notes on *Lagopus lagopus*, p. 147.

2605. *Greenwood's Gleanings*. By R. G. [= A. C. Gould]. *Ibid.*, No. 13, Jan. 19, 1893, pp. 262-263. — Ducks at Chatham, Mass., in winter, p. 263.

2606. *Winter Notes from Plymouth, Mass.* By 'Repeater' [= Herbert W. Bartlett]. *Ibid.*, No. 15, Feb. 2, 1893, p. 302.

2607. *Greenwood's Gleanings*. By Ralph Greenwood [= A. C. Gould]. *Ibid.*, pp. 304-305. — Winter birds at Chatham, Mass., and notes on *Colinus virginianus*, p. 305.

2608. *Notes from Ohio*. By C. E. S. *Ibid.*, No. 23, March 30, 1893, p. 461. — *Halieetus leucocephalus*.

2609. *Greenwood's Gleanings*. By Ralph Greenwood [= A. C. Gould]. *Ibid.*, pp. 465-466. — Notes on *Aquila chrysaetos* in Colorado, p. 465.

2610. *New York and Vicinity Shooting Notes*. [By Jacob Pentz.] *Ibid.*, No. 24, April 6, 1893, pp. 487-490. — *Quiscalus quiscula*, p. 489. — C. F. B.

Publications Received.—Bocage, J. V. Barboza-du. (1) Additions et Corrections a l' "Ornithologied 'Angola." (Jorn. de Scien. Math. Phys. e Nat. da Acad. Scien. de Lisboa, 2a Ser., No. VIII, 1892, No. IX, 1893.) (2) Note sur deux Oiseaux nouveaux de l'Ile Anno-Bom. (*Ibid.*, No. IX, 1893.)

Collett, R. (1) On a Collection of Birds from Tongoa, New Hebrides. (Christ. Vid.-Sels. Forh. 1893, No. 13.) (2) Das Leben der Vögel im Arctischen Norwegen. (Compte Rendu Séc. Congress Orn. Int. Budapest, 1891.)

Dresser, H. E. On *Acredula caudata* and its Allied Forms. (*Ibis*, April, 1893.)

Meyer, A. B. (1) *Goura beccarii huonensis* n. subsp. (Orn. Jahresb., April, 1893.) (2) *Aquila rapax* (Temm.) von Astrachan, nebst Bemerkungen über verwandte Formen, besonders *Aquila bocki* Hom. (Abh. Gesell. 'Isis' in Dresden, No. 11, 1892.)

Piers, Harry. On the Nidification of the Winter Wren in Nova Scotia. Trans. Nova Scotia Inst. Sci. 2d Ser. Vol. I, pp. 203-207.)